(1)

Bruhat Bangalore Mahanagara Palike

Name of work: Providing And Fixing Stone benches in Ward No.83, 85, 86 and 84

Sl.No's	Description of work with dimensions (Length in m)	No's	(1) Length (m)	(2) Width (m)	(3) Height (m)	(4) Area (1 x 2 x 3) (m)	(5) Deduction (m)	QTY	REMARKS
	Name of Work								
	Ward No.83								
	CKDR Ladies Benches, Vaishanka	3.00	2.55	2.55	2.55	2.55	0.30	4.34	
	CKDR Ladies Benches, Vaishanka	8.00	2.10	1.80	1.80	1.80	0.30	9.07	
	CKDR Ladies Benches, Vaishanka	4.00	4.35	1.80	1.80	1.80	0.30	9.18	
	govt pu college Rajarajeshwari	13.00	2.10	1.80	1.80	1.80	0.30	14.74	
	Vidyaraniya nagar	15.00	2.10	1.80	1.80	1.80	0.30	17.01	
	Vinayaka park vaishanka	6.00	2.10	1.80	1.80	1.80	0.30	6.80	
	New Vaishnavaiyaka park 4th phase	15.00	2.10	1.80	1.80	1.80	0.30	17.01	
	vaishanka ward 83,82,85&86	35.00	2.10	1.80	1.80	1.80	0.30	39.69	
						Total Qnty		118.05	Cum

Assistant

Asst Engineer

Asst Executive Engineer

Scanned by TapScanner

Bruhat Bangalore Mahanagara Palike

ame of work: Providing And Fixing Stone benches in Ward No.01, 02, 03 and 04

Premeasurement recorded on: 4/12/2022, 27/12/2022

SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	For Stone Benches								
	CRPF Ladies Betalian Yalahanka	2.00	2.75	2.75	2.75	2.75	0.15	2.27	
	CRPF Ladies Betalian Yalahanka	8.00	2.10	1.80	1.80	1.80	0.15	4.54	
	CRPF Ladies Betalian Yalahanka	4.00	4.25	1.80	1.80	1.80	0.15	4.59	
	govt pu college Rajanukunte	13.00	2.10	1.80	1.80	1.80	0.15	7.37	
	Yadiyurappa nagar	15.00	2.10	1.80	1.80	1.80	0.15	8.51	
	Vinayaka park yalahanka	6.00	2.10	1.80	1.80	1.80	0.15	3.40	
	Near Siddivinayaka park 4th phase	15.00	2.10	1.80	1.80	1.80	0.15	8.51	
	yalahanka ward 01,02,03&04	35.00	2.10	1.80	1.80	1.80	0.15	19.85	
	Kerb surrounding								
	CRPF Ladies Betalian Yalahanka	2.00	11.70	0.20	0.20	0.20	0.10	0.47	
	CRPF Ladies Betalian Yalahanka	8.00	8.50	0.20	0.20	0.20	0.10	1.36	
	CRPF Ladies Betalian Yalahanka	4.00	12.80	0.20	0.20	0.20	0.10	1.02	
	govt pu college Rajanukunte	13.00	8.50	0.20	0.20	0.20	0.10	2.21	
	Yadiyurappa nagar	15.00	8.50	0.20	0.20	0.20	0.10	2.55	
	Vinayaka park yalahanka	6.00	8.50	0.20	0.20	0.20	0.10	1.02	
	yalahanka ward 01,02,03&04	35.00	8.50	0.20	0.20	0.20	0.10	5.95	
	Near Siddivinayaka park 4th phase	15.00	8.50	0.20	0.20	0.20	0.10	2.55	
							Total Qnty	**76.15**	**Cum**

Contractor Consultant Asst Engineer Asst Executive Engineer

Scanned by TapScanner

Bruhat Bangalore Mahanagara Palike

ame of work: Providing And Fixing Stone benches in Ward No.01, 02, 03 and 04

Pre measurement recorded on: 6/12/2022

SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
6	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305 (P.No.147, I.No.19.60)								
	For Stone Benches								
	CRPF Ladies Betalian Yalahanka	2.00	2.75	2.75	2.75	2.75	0.10	1.51	
	CRPF Ladies Betalian Yalahanka	8.00	2.10	1.80	1.80	1.80	0.10	3.02	
	CRPF Ladies Betalian Yalahanka	4.00	4.25	1.80	1.80	1.80	0.10	3.06	
	govt pu college Rajanukunte	13.00	2.10	1.80	1.80	1.80	0.10	4.91	
	Yadiyurappa nagar	15.00	2.10	1.80	1.80	1.80	0.10	5.67	
	Vinayaka park yalahanka	6.00	2.10	1.80	1.80	1.80	0.10	2.27	
	Near Siddivinayaka park 4th phase	15.00	2.10	1.80	1.80	1.80	0.10	5.67	
	yalahanka ward 01,02,03&04	35.00	2.10	1.80	1.80	1.80	0.10	13.23	
							Total Qnty	39.35	Cum

6/12/22

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor | Consultant | Asst Engineer | Asst Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

Bruhat Bangalore Mahanagara Palike

me of work: Providing And Fixing Stone benches in Ward No.01, 02, 03 and 04

Preestimement recorded on: 6/12/2022

LNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
E1	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-135(1)No-20.18)								
	For Stone Benches								
	CRPF Ladies Betalian Yalahanka	2.00	2.75	2.75	2.75	2.75	0.10	1.51	
	CRPF Ladies Betalian Yalahanka	8.00	2.10	1.80	1.80	1.80	0.10	3.02	
	CRPF Ladies Betalian Yalahanka	4.00	4.25	1.80	1.80	1.80	0.10	3.06	
	govt pu college Rajanukunte	13.00	2.10	1.80	1.80	1.80	0.10	4.91	
	Yadiyurappa nagar	15.00	2.10	1.80	1.80	1.80	0.10	5.67	
	Vinayaka park yalahanka	6.00	2.10	1.80	1.80	1.80	0.10	2.27	
	Near Siddivinayaka park 4th phase	15.00	2.10	1.80	1.80	1.80	0.10	5.67	
	yalahanka ward 01,02,03&04	35.00	2.10	1.80	1.80	1.80	0.10	13.23	
						Total Qnty		39.35	cum

Contractor | Consultant | Asst Engineer | Asst Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

(6)

MEASUREMENT

RA 3rd & (I) FINAL BILL

Name of work: Providing And Fixing Stone benches in Ward No.81, 92, 93 and 94

Sl No	Description of Item	No	L	B1	B2	A=(B1+B2)/2	D	Qty	Unit	Rate	Amount
1	KSRRB 5.3 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, of clods complete as per specifications. (Page No 6, I.No.2.3)										
	Vide pre-Measurement sheet page no (1)										
	Qnty to be Paid							118.95	Cum	414.06	49251.92
2	KSRRB M2100-16. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)										
	Vide pre-Measurement sheet page no (2)										
	Qnty to be Paid							76.15	Cum	5691.91	433445.58

433494.50

CONTRACTOR

PMC

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

(6)

Bruhat Bangalore Mahanagara Palike

Name of work: Providing And Fixing Stone benches in Ward No.01, 02, 03 and 04

Measurement recorded on: 5/12/2022 , 5/01/2023

NO	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	Unit	Rate	Amount
	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc ,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30)										
3	**New Kerb**										
	CRPF Ladies Betalian Yalahanka	2.00	11.70					23.40			
	CRPF Ladies Betalian Yalahanka	8.00	8.50					68.00			
	CRPF Ladies Betalian Yalahanka	4.00	12.80					51.20			
	govt pu college Rajanukunte	13.00	8.50					110.50			
	Yadiyurappa nagar	15.00	8.50					127.50			
	Vinayaka park yalahanka	6.00	8.50					51.00			
	Near Siddivinayaka park 4th phase yalahanka	15.00	8.50					127.50			
	yalahanka ward 01,02,03&04	35.00	8.50					297.50			
								856.60			
						Total Qnty		1,904.00	NOS	454.02	864454.08

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Contractor | Consultant | Asst Engineer | Asst Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore -

Scanned by TapScanner

Bruhat Bangalore Mahanagara Palike

Name of work: Providing And Fixing Stone benches in Ward No.01, 02, 03 and 04

Sl.NO	Measurement recorded on 11/01/2023 CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	Unit	Rate	Amount
8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, PATWD SR 2018-19)										
	For New kerb										
	CRPF Ladies Betalian Yalahanka	2.00	11.70				0.30	7.02			
	CRPF Ladies Betalian Yalahanka	8.00	8.50				0.30	20.40			
	CRPF Ladies Betalian Yalahanka	4.00	12.80				0.30	15.36			
	govt pu college Rajanukunte	13.00	8.50				0.30	33.15			
	Yadiyurappa nagar	15.00	8.50				0.30	38.25			
	Vinayaka park yalahanka	6.00	8.50				0.30	15.30			
	Near Siddivinayaka park 4th phase yalahanka	15.00	8.50				0.30	38.25			
	yalahanka ward 01,02,03&04	35.00	8.50				0.30	89.25			
							Total Qnty	**256.98**	**Sqm**	**89.02**	**22876.36**

Director

Consultant

Asst Engineer

Asst Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

Name of work: Providing And Fixing Water Sprinkler to Ward No(8), (8), (8) and (8)

Description recorded on	NO	L	B	H	Avg B	D	QTY	Unit	Rate	Amount
SOR/DSR/IE 3.3(a) Mark		(m)	(m)	(m)	(m)	(m)				

Providing and laying flooring cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring, conforming to IS: 4457 Simple duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with neat pointing using white cement, including cost of materials, mortar, including cutting, grinding the edge to bull'(full) round wherever required, labour, curing complete as per specification. (P.No-712,I No-16.42)

For Water Branches									
CSOPF Ladies Hostel, Yelahanka	2.00	2.75	2.75	2.75	2.75		85.25		
CSOPF Ladies Hostel, Yelahanka	8.00	2.10	1.80	1.80	1.80		80.24		
govt pu college Rajanukunte	4.00	4.25	1.80	1.80	1.80		49.68		
Vidyaranyapura nagar Vinayaka park yelahanka	13.00	2.10	1.80	1.80	1.80		96.34		
Near Sahithyaloka park, 4th phase yelahanka ward 30,02,03&04	15.00	2.10	1.80	1.80	1.80		96.70		
	6.00	2.10	1.80	1.80	1.80		37.80		
	15.00	2.10	1.80	1.80	1.80		96.70		
	35.00	2.10	1.80	1.80	1.80		452.30		
						Total Qnty	393.49	Sqm	1370.95	539448.26

Consultant

Asst Engineer

Asst Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

MEASUREMENT
RA BILL AND FINAL BILL

Name of work: Providing And Fixing Grass Boarder in Ward No:81, 83, 84 and 85

Sl No	Description of item	No	L	B	D	Quantity	Unit	Rate	Amount
	Providing & Construction of embankment with approved material (excavation with all lifts and leads comprising to site, spreading, grading to required shape and compacting to meet requirement Table 300.3 complete as per specifications, including cost of ground / contours, including charges & compaction by vibratory roller to 95%, of modified proctors density 300.10 (M) and 300.11 (P 300.147, 1300.98.88)								
	Vide pro Measurement sheet page no								
	Only to be Paid					19.35	Cum	381.00	143.01.24

Assistant Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner

Scanned by TapScanner

MEASUREMENT

RA 3rd AND FINAL BILL

Name of work: Providing And Fixing Stone benches in Ward No.01, 02, 03 and 04

Name of work:
Date of Recording:

Sl No	Description of item	No	L	B1	B2	Av.B	D	Qty	Unit	Rate	Amount
E1	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)										
	Vide pre-Messurement sheet page no 4										
							Qnty to be Paid		39.35	Cum	2100.94	82662.99
										Sub Total		49,10,189.89
										GST 18%		8,83,834.04
										Grand Total		57,94,023.12

CONTRACTOR PMC Assistant Engineer Assistant Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Scanned by TapScanner